This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

- 1. (Previously presented) The use of a multimodal polyethylene composition having a MWD of 2 to 10 and comprising as comonomers to ethylene at least two C₄₋₁₂ alpha olefins in injection moulding.
- 2. (Original) Use as claimed in claim 1 wherein said at least two alpha olefins are selected from but-1-ene, hex-1-ene, 4-methyl-pent-1-ene, hept-1-ene, oct-1-ene, and dec-1ene.
- 3. (Original) Use as claimed in claim 2 wherein said at least two alpha olefins are selected from but-1-ene and hex-1-ene.
- 4. (Currently amended) Use as claimed in claim 3 wherein said polyethylene composition comprises an ethylene/1-butene copolymer fraction and either an an ethylene/1hexene copolymer fraction or an ethylene/1-butene/1-hexene terpolymer fraction.
- 5. (Previously presented) An injection moulded article produced from a multimodal polyethylene composition having a MWD of 2 to 10 and comprising as comonomers to ethylene at least two C_{4-12} alpha olefins.
- 6. (Previously presented) An article as claimed in claim 5 comprising a bimodal polyethylene composition comprising
- a lower molecular weight homopolymer of ethylene and. a)

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- b) a higher molecular weight terpolymer of ethylene, 1-butene and a C₅, to C₁₂ alpha- olefin.
- 7. (Original) An article as claimed in claim 5 comprising a bimodal polyethylene composition comprising
 - a) a lower molecular weight polymer which is a binary copolymer of ethylene and 1-butene or 1-hexene and
 - b) a higher molecular weight polymer different from a) which is either a binary copolymer of ethylene and 1-hexene, or a terpolymer of ethylene, 1-butene and a C₆ to C₁₂ alpha- olefin.
- 8. (Original) An article as claimed in claim 5 comprising a bimodal polyethylene composition comprising a) a lower molecular weight polymer which is a terpolymer of ethylene, 1-butene and 1- hexene, and b) a higher molecular weight polymer which is a terpolymer of ethylene, 1-butene and 1- hexene.
- 9. (Currently amended) An article as claimed in claim 5 any one of claims 5 to 8 wherein the ratio of components a) to b) is 60: 40 to 40: 60% wt.
- 10. (Currently amended) An article as claimed in claim 5 any one of claims 5 to 9 wherein the bimodal polyethylene composition has a MWD of 2 to 8.
- 11. (Currently amended) An article as claimed in claim 5 any one of claims 5 to 10 wherein the bimodal polyethylene composition has a density of 905 to 930 kg/m³.

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- 12. (Currently amended) An article as claimed in claim 5 any one of claims 5 to 11 wherein the bimodal polyethylene composition has an impact strength (IS0179 at 23°C) of at least 40 kJ/m².
- 13. (Currently amended) An article as claimed in <u>claim 5</u> any one of claims 5 to 12 wherein the bimodal polyethylene composition has a tensile modulus (IS0527-2) of 60 to 400 MPa.
- 14. (Currently amended) An article as claimed in <u>claim 5</u> any one of claims 5 to 13 wherein the bimodal polyethylene composition has a hexane extractable fraction (ASTM D5227) of less than 3 wt%.
- 15. (Currently amended) An article as claimed in claim 5 any one of claims 5 to 14 wherein the bimodal polyethylene composition has a level of migration measured by immersion in olive oil of less than 10 mg/dm².
- 16. (Currently amended) An article as claimed in <u>claim 5</u> any one of claims 5 to 15 being medical or food packaging or a closure means.
- 17. A process for the preparation of an injection moulded article as claimed in <u>claim 5</u> any one of claims 5 to 16 comprising:
- (I) polymerising ethylene and optionally at least one C_{4-12} alpha olefin in a loop reactor in the presence of a metallocene catalyst:
- (II) transferring the resulting polymer with the metallocene catalyst to a gas phase reactor and polymerising ethylene and at least one C_{4-12} alpha olefin so as to form a $\frac{5}{10870_1.DOC}$

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multimodal polyethylene composition comprising as comonomers to ethylene at least two C_4 .

12 alpha olefins; and

(III) injection moulding said composition.